

WHAT IS CLAIMED IS:

1           1.    A method for performing ratio planning, the  
2                    method comprising:  
3            building a ratio planning database;  
4            creating a pre-defined ratio planning report  
5    template, wherein said report template includes a  
6    coefficient of variation field;  
7            creating a populated database for said report  
8    template, wherein said populated database is a subset of  
9    said ratio planning database;  
10           generating a pre-defined ratio planning report in  
11    response to a user system request, wherein input to said  
12    pre-defined ratio planning report includes said report  
13    template and said populated database; and  
14           generating a user-defined ratio planning report in  
15    response to a user system request, wherein input to said  
16    user-defined ratio planning report includes said ratio  
17    planning database.

1           2.    The method of claim 1 wherein said building a  
2    ratio planning database comprises:  
3            receiving data from at least one ratio planning data  
4    source, wherein said ratio planning data sources include  
5    sales data, order backlog data, planning data, feature  
6    unit cost, and feature data; and  
7            updating said ratio planning database with the  
8    received data.

1           3.    The method of claim 2 wherein said ratio  
2    planning database includes data values calculated based  
3    on said received data, said calculated data values  
4    including at least one of feature to model sales ratios,  
5    feature to model order backlog ratios, historical mean of  
6    feature to model sales ratios, and coefficient of  
7    variation.

1           4.    The method of claim 1 wherein said ratio  
2    planning database includes a feature data index.

1           5.    The method of claim 4 wherein said feature data  
2    index catalogs part numbers by at least one of planner  
3    owner, commodity, function, and family.

1           6.    The method of claim 1 wherein said ratio  
2    planning database includes a model data index.

1           7.    The method of claim 6 wherein said model data  
2    index catalogs models by at least one of brand, segment,  
3    and family.

1           8.    The method of claim 1 wherein said ratio  
2    planning database is a relational database.

1           9.    The method of claim 1 further comprising:  
2           creating at least one additional pre-defined ratio  
3    planning report template;  
4           creating a corresponding populated database for each  
5    said additional report template, wherein said  
6    corresponding populated database is a subset of said  
7    ratio planning database; and  
8           generating a corresponding pre-defined ratio  
9    planning report in response to a user system request,  
10   wherein input to said corresponding pre-defined ratio  
11   report includes said least one additional pre-defined  
12   ratio planning report and said corresponding populated  
13   database.

1           10.   The method of claim 9 wherein said at least one  
2    additional pre-defined ratio planning report template is  
3    a default feature planning report.

1           11.   The method of claim 9 wherein said at least one  
2    additional pre-defined ratio planning report template is  
3    a forecast accuracy report.

1           12.   The method of claim 9 wherein said at least one  
2    additional pre-defined ratio planning report template is  
3    an audit report.

1           13.   The method of claim 9 wherein said at least one  
2    additional pre-defined ratio planning report template is  
3    an average model cost report.

1           14. The method of claim 9 wherein said at least one  
2 additional pre-defined ratio planning report template is  
3 a churn report.

1           15. A system for performing ratio planning, the  
2       system comprising:  
3           a storage device storing a ratio planning database;  
4       and  
5           a host system in communication with said storage  
6       device, said host system implementing a process  
7       comprising:  
8           creating a pre-defined ratio planning report  
9       template, wherein said report template includes a  
10      coefficient of variation field;  
11          creating a populated database for said report  
12      template, wherein said populated database is a subset of  
13      said ratio planning database;  
14          generating a pre-defined ratio planning report  
15      in response to a user system request, wherein input to  
16      said pre-defined ratio planning report includes said  
17      report template and said populated database; and  
18          generating a user-defined ratio planning report  
19      in response to a user system request, wherein input to  
20      said user-defined ratio planning report includes said  
21      ratio planning database.

1           16. The system of claim 15 wherein said storage  
2       device receives data from at least one ratio planning  
3       data source, wherein said ratio planning data sources  
4       include sales data, order backlog data, planning data,  
5       feature unit cost, and feature data; said storage device  
6       being updated with the received data.

1           17. The system of claim 16 wherein said storage  
2 device stores data values calculated based on said  
3 received data, said calculated data values including at  
4 least one of feature to model sales ratios, feature to  
5 model order backlog ratios, historical mean of feature to  
6 model sales ratios, and coefficient of variation.

1           18. The system of claim 15 wherein said storage  
2 device stores a feature data index.

1           19. The system of claim 18 wherein said feature data  
2 index catalogs part numbers by at least one of planner  
3 owner, commodity, function, and family.

1           20. The system of claim 15 wherein said ratio  
2 planning database includes a model data index.

1           21. The system of claim 20 wherein said model data  
2 index catalogs models by at least one of brand, segment,  
3 and family.

1           22. The system of claim 15 wherein said storage  
2 device stores a relational database, said relational  
3 database including said ratio planning database.

1           23. The system of claim 15 wherein said host system  
2 implementing a process further comprises:

3           creating at least one additional pre-defined ratio  
4 planning report template;

5           creating a corresponding populated database for each  
6 said additional report template, wherein said  
7 corresponding populated database is a subset of said  
8 ratio planning database; and

9           generating a corresponding pre-defined ratio  
10 planning report in response to a user system request,  
11 wherein input to said corresponding pre-defined ratio  
12 report includes said least one additional pre-defined  
13 ratio planning report and said corresponding populated  
14 database.

1           24. The system of claim 23 wherein said at least one  
2 additional pre-defined ratio planning report template is  
3 a default feature planning report.

1           25. The system of claim 23 wherein said at least one  
2 additional pre-defined ratio planning report template is  
3 a forecast accuracy report.

1           26. The system of claim 23 wherein said at least one  
2 additional pre-defined ratio planning report template is  
3 an audit report.

1           27. The system of claim 23 wherein said at least one  
2 additional pre-defined ratio planning report template is  
3 an average model cost report.

1           28. The system of claim 23 wherein said at least one  
2 additional pre-defined ratio planning report template is  
3 a churn report.

1           29. The system of claim 15 further comprising a  
2 network providing communication between the host system  
3 and the user system.

1           30. The system of claim 15 further comprising a  
2 network providing communication between the storage  
3 device and said at least one ratio planning data source.

1           31. The system of claim 15 further comprising a  
2 network providing communication between the storage  
3 device and the host system.



1           32. A storage medium encoded with machine-readable  
2 computer program code for performing ratio planning, the  
3 storage medium storing instructions for causing a host  
4 system to implement a method comprising:

5           building a ratio planning database;

6           creating a pre-defined ratio planning report  
7 template, wherein said report template includes a  
8 coefficient of variation field;

9           creating a populated database for said report  
10 template, wherein said populated database is a subset of  
11 said ratio planning database;

12           generating a pre-defined ratio planning report in  
13 response to a user system request, wherein input to said  
14 pre-defined ratio planning report includes said report  
15 template and said populated database; and

16           generating a user-defined ratio planning report in  
17 response to a user system request, wherein input to said  
18 user-defined ratio planning report includes said ratio  
19 planning database.

1           33. The storage medium of claim 32 wherein said  
2 building a ratio planning database comprises:

3           receiving data from at least one ratio planning data  
4 source, wherein said ratio planning data sources include  
5 sales data, order backlog data, planning data, feature  
6 unit cost, and feature data; and

7           updating said ratio planning database with the  
8 received data.

1           34. The storage medium of claim 33 wherein said  
2 ratio planning database includes data values calculated  
3 based on said received data, said calculated data values  
4 including at least one of feature to model sales ratios,  
5 feature to model order backlog ratios, historical mean of  
6 feature to model sales ratios, and coefficient of  
7 variation.

1           35. The storage medium of claim 32 wherein said  
2 ratio planning database includes a feature data index.

1           36. The storage medium of claim 35 wherein said  
2 feature data index catalogs part numbers by at least one  
3 of planner owner, commodity, function, and family.

1           37. The storage medium of claim 32 wherein said  
2 ratio planning database includes a model data index.

1           38. The storage medium of claim 37 wherein said  
2 model data index catalogs models by at least one of  
3 brand, segment, and family.

1           39. The storage medium of claim 32 wherein said  
2 ratio planning database is a relational database.

1           40. The storage medium of claim 32 further  
2 comprising:  
3           creating at least one additional pre-defined ratio  
4 planning report template;  
5           creating a corresponding populated database for each  
6 said additional report template, wherein said  
7 corresponding populated database is a subset of said  
8 ratio planning database; and  
9           generating a corresponding pre-defined ratio  
10 planning report in response to a user system request,  
11 wherein input to said corresponding pre-defined ratio  
12 report includes said least one additional pre-defined  
13 ratio planning report and said corresponding populated  
14 database.

1           41. The storage medium of claim 40 wherein said at  
2 least one additional pre-defined ratio planning report  
3 template is an default feature planning report.

1           42. The storage medium of claim 40 wherein said at  
2 least one additional pre-defined ratio planning report  
3 template is a forecast accuracy report.

1           43. The storage medium of claim 40 wherein said at  
2 least one additional pre-defined ratio planning report  
3 template is an audit report.

1           44. The storage medium of claim 40 wherein said at  
2       least one additional pre-defined ratio planning report  
3       template is an average model cost report.

1           45. The storage medium of claim 40 wherein said at  
2       least one additional pre-defined ratio planning report  
3       template is a churn report.